## PCT09

DATE: 08/14/2001

TIME: 11:01:23

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RAW SEQUENCE LISTING

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77		75					80					85					
	aa a		cac	atc	qac	tac	gtc	aqc	tcc	qcc	gtc	cgt	atc	gac	cac	gcc	341
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83 c	ccg (	gac	ctt	ccg	cgg	cca	gag	gtg	tgt	ttt	ata	ggc	aga	agc	aat	gtt	389
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	GLu	Arg	J Arg	J Asr			s Ar	j Thi	r Pne			ı va.	L AS	ser		L Val	
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107	gga	att	. caa	aaa	aca	a gao	aaı	. atı	ge	c ata	a gaa	a ale	g Lgi	- yac	gad	ttt	6//
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109	~~-	++-		205		~ ^++	- a+	. ++			a a t 1	- 012/	n aa:			caag	725
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113	Ата	пес	220	_	. va.	r 110	- V CL -	225		L	,	- 1151	230			. 272	
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161 Tyr Pro Leu Gln Glu Val Glu Arg Phe Leu Ala Pro Tyr Gly Arg Gln
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165 65
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170 Ser Ser Ala Val Arg Ile Asp His Ala Pro Asp Leu Pro Arg Pro Glu
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                                     185
                180
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221   gct ctg ctg ctg cgg gcg gcc gct gct gga ctg ctg ctt ctg gga ggc gtc cag   98	218					]	Met .	Ala A	Ala	Pro '	Val '	Val	Thr .	Ala	Pro	Gly A	Arg		
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223																			
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234		taa		αt a	cca	ata	aaa	_	aaa	aaa	oaa	aan			ata	cac	caa	242	
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239																		290	
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270 Val Asn Phe Glu Lys Pro Lys Thr Lys Arg Tyr Lys Tyr Trp Leu Ala 271 205 210 215 273 cag caa gct gcc aag gct atg gcc ccc acc agc ccc cag atc taa 719 274 Gln Gln Ala Ala Lys Ala Met Ala Pro Thr Ser Pro Gln Ile 275 220 225 230 277 atctactctc cctccaaggc agcaaagcag aatcgggagc agtggagcag aaatgtgcaa 779	267			190					195					200					
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273 cag caa gct gcc aag gct atg gcc ccc acc agc ccc cag atc taa 719 274 Gln Gln Ala Ala Lys Ala Met Ala Pro Thr Ser Pro Gln Ile 275 220 225 230 277 atctactctc cctccaaggc agcaaagcag aatcgggagc agtggagcag aaatgtgcaa 779	270	Val	Asn	Phe	Glu	Lys	Pro	Lys	Thr	Lys	Arg	Tyr	Lys	Tyr	Trp	Leu	Ala		
274 Gln Gln Ala Ala Lys Ala Met Ala Pro Thr Ser Pro Gln Ile 275 220 225 230 277 atctactctc cctccaaggc agcaaagcag aatcgggagc agtggagcag aaatgtgcaa 779						_		_		_		_	_	_	_				
274 Gln Gln Ala Ala Lys Ala Met Ala Pro Thr Ser Pro Gln Ile 275 220 225 230 277 atctactctc cctccaaggc agcaaagcag aatcgggagc agtggagcag aaatgtgcaa 779	273	caq	caa	qct	qcc	aaq	gct	atq	qcc	ccc	acc	aqc	ccc	caq	atc	taa		719	
275 220																			
277 atctactctc cctccaaggc agcaaagcag aatcgggagc agtggagcag aaatgtgcaa 779				•	-	-				·									
			acto	etc c	ctcc	aaq		rcaaa	qcaq	aat	caa		agto	qaqq	caq	aaato	rtgcaa	779	

RAW SEQUENCE LISTING DATE: 08/14/2001 PATENT APPLICATION: US/09/890,688 TIME: 11:01:23

Input Set: A:\Sequence Listing Kato et al.txt
Output Set: N:\CRF3\08142001\1890688.raw

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281 atcagactgc actgcgtata catgttgaat tottcatttt tgccatcttt aactgtcatc 899
283 actggggcag ggaagtcctg ttccagaagt accaggctgt agatttgata agctagatgc 959
285 agtagaccga aaccatccaa aacctgttta gcttcttcct ccattggagt ttattgggac 1019
287 aaacaggaga gccagccatt gtctccagta cttgcctcat tctcatcatc caaactgaac 1079
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293 <211> LENGTH: 233
294 <212> TYPE: PRT
295 <213> ORGANISM: Homo sapiens
297 <400> SEQUENCE: 4
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304 Arg His Glu Gly Asn Ala Pro Asp Leu Ala Cys Asn Phe Ser Leu Ser
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307 Gln Asn Arg Gly Thr Val Ile Val Glu Arg Trp Trp Lys Val Pro Leu
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310 Ala Gly Gly Gly Arg Lys Pro Arg Leu His Arg Arg His Arg Val Tyr
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                        70
313 Lys Leu Val Glu Asp Thr Lys His Arg Pro Lys Glu Asn Leu Glu Leu
                                         90
                    85
316 Ile Leu Thr Gln Ser Val Glu Asn Val Gly Val Arg Gly Asp Leu Val
                                   105
319 Ser Val Lys Lys Ser Leu Gly Arg Asn Arg Leu Leu Pro Gln Gly Leu
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           115
322 Ala Val Tyr Ala Ser Pro Glu Asn Lys Lys Leu Phe Glu Glu Glu Lys
                            135
       130
325 Leu Leu Arg Gln Glu Gly Lys Leu Glu Lys Ile Gln Thr Lys Ala Gly
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                        150
328 Glu Ala Leu Gly Val Val Val Ala Pro His Thr Leu Lys Leu Pro Ala
331 Glu Pro Ile Thr Arg Trp Gly Glu Tyr Trp Cys Glu Val Thr Val Asn
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                                    185
334 Gly Leu Asp Thr Val Arg Val Pro Met Ser Val Val Asn Phe Glu Lys
335 195
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337 Pro Lys Thr Lys Arg Tyr Lys Tyr Trp Leu Ala Gln Gln Ala Ala Lys
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340 Ala Met Ala Pro Thr Ser Pro Gln Ile
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345 <211> LENGTH: 528
346 <212> TYPE: DNA
347 <213> ORGANISM: Homo sapiens
349 <220> FEATURE:
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353 <400> SEQUENCE: 5
354 aaggaaattg acgaacacgt gacgcggtcg ggcggaccac tgcagactga gcggtggacc 60
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VERIFICATION SUMMARY

PATENT APPLICATION: US/09/890,688

DATE: 08/14/2001

TIME: 11:01:24

Input Set : A:\Sequence Listing Kato et al.txt

Output Set: N:\CRF3\08142001\1890688.raw

L:11 M:270 C: Current Application Number differs, Replaced Current Application Number

L:12 M:271 C: Current Filing Date differs, Replaced Current Filing Date

L:6698 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:105

L:6708 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:105

L:6735 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:106

L:6740 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:106